G4 PLUS

G4 Plus 3-Axis Handheld Gimbal For Smartphone

G4 Plus compatible with iPhone 6s Plus/ 6s / 6 Plus / 6 / 5s / 5c / 5 / 4s /4 and other smartphones with similar dimensions
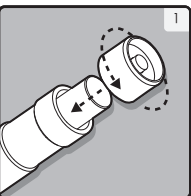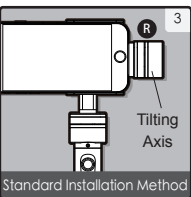
EN

Version 1.0

1 User Guide

⚠ **Attention!** (1) Please install the suitable smartphone first before power on the gimbal.
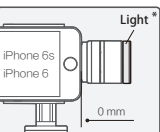(2) Please turn off the power when not in use.

Insert The Batteries
Remove the power switch cap, insert two batteries into the handle.

Install The smartphone
Install the Smart phone by the quick-release adapter. And make sure it is fixed well.
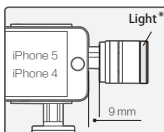
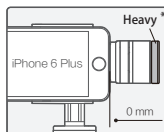### Adjust the Center of Gravity
If the smart phone inclines towards the tilting axis, pull it towards the left to be in place, and let the center of gravity keep balance or slightly incline to the smart phone. If the smart phone still inclines towards the pitch axis, install the clump weight.

Tilting Axis

Standard Installation Method

Choose The Suitable Counter Weight
If the smartphone still leans to the tilting axis direction, after adjust the center of gravity, please replace the counter weight cover with the counter weight module. Please refer to the left showing photo. Try to keep the center of gravity balance after mounting the counter weight module.

Tilting Axis

Light *
iPhone 6s iPhone 6
0 mm

Light *
iPhone 5 iPhone 4
9 mm

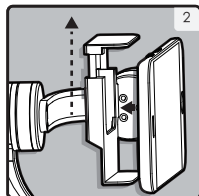Heavy *
iPhone 6 Plus
0 mm

▲ iPhone 6s / 6 Installation
* Use Light Counter Weight

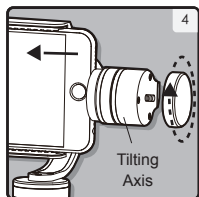▲ iPhone 5s / 5C / 5 / 4s / 4 Installation
* Use Light Counter Weight

▲ iPhone 6s Plus / 6 Plus Installation
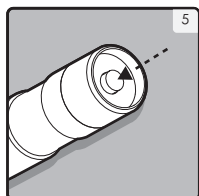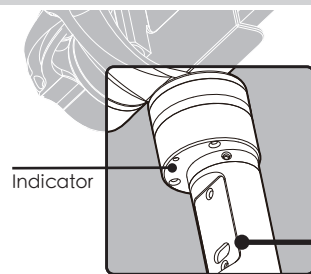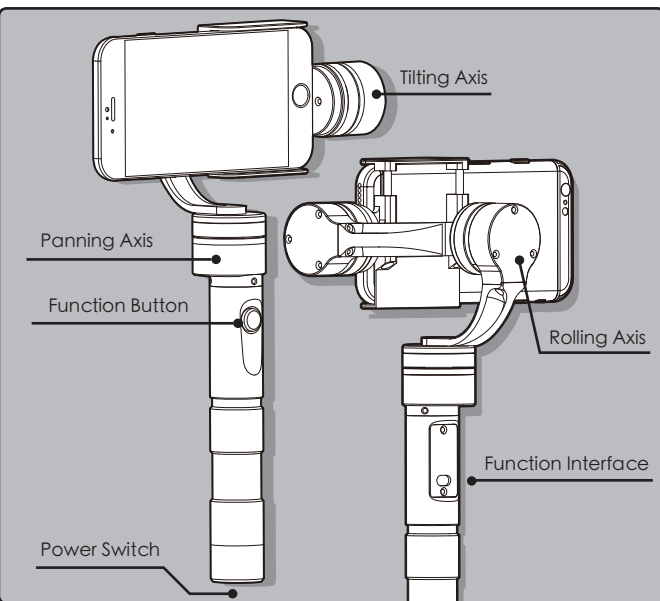* Use Heavy Counter Weight

Power On/Off
Check whether the phone is installed well, and long press the function button for two seconds to turn on the gimbal. Long press the function button for three seconds to turn off the gimbal.
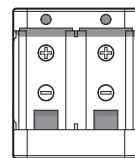
2 Product Overview

Tilting Axis

Panning Axis

Function Button

Rolling Axis

Function Interface

Power Switch

Indicator

Indicator Explanation

LED Status	Explain
Blue light flashes three times	Full Power
Blue light flashes twice	Enough Power
Blue light flashes once	Low Power
Blue light keeps flashing	No Power

When the red LED indicator light flashes in use, it means the gimbal is out-of-order

3 Optional Accessories
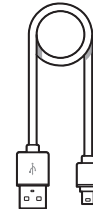
Charger
Input: DC 5V
Output: DC 4.2V

Rechargeable Battery
Type: 18350

USB Connector

USB Cable
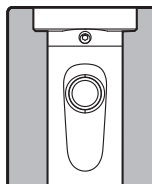
Heavy Counter Weight
Weight: 52 g

Light Counter Weight
Weight: 6 g

4 Operating

Function Button
Identify the working mode via switch to different status of the indicator light.

Use for switching working modes.

Basic Working Modes

Panning Mode — The smart phone is allowed to pan left or right. Vertical tilts or rolls are restricted.

Panning and Tilting Mode — The smart phone is allowed to pan left or right and tilt up and down. Rolls are restricted.

Lock Mode — The smart phone stays in its current orientation. All panning, tilting and rolls are restricted.

Other Functions

Special Working Condition （Inversion Mode） Under any working mode, consecutively press the function button for three times, the gimbal enters into the inversion mode and automatically switches to the Panning mode. Invert the gimbal, put the camera face down, and combine with the three working modes of handheld gimbal to capture the wonderful moments. The gimbal can restore to the boot-up state by consecutively pressing the function button for three times under inversion mode.

Manual Pulling Locking After the gimbal has been powered on for eight seconds, the tilt angle can be adjusted manually in the panning mode and lock mode. Adjust the tilt angle to the desired position and wait for 0.5 second until the gimbal registers the new angle.

Reset Consecutively press the function button for four times to restore to the boot-up state.
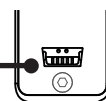
Function Button Operation Instructions

Operation	LED Status	Function	Remark
Single tap	Single Flashes / On Constantly	Panning Mode / Lock Mode*	Single tap to switch between panning mode and lock mode.
Double tap	Double Flashes	Panning and Tilting Mode	Under panning and tilting mode, single tap to switch to lock mode
Triple tap	Single Flashes	Inversion Mode	Can switch in other mode, or trip again to exit and reset
Quadruple tap	Single Flashes	Reset	Reset the tilting axis of the gimbal to initial orientation and initial mode
Long Press For 3 Second	Single Flashes	Standby	Single tap again to activate
*【Lock Mode】			Under any working mode, single tap the function button, the indicator LED is always on, the Gimbal can be enter the 【Lock Mode】. During the LOCK MODE other operation is arbitrary.

5 Firmware Upgrade And Other Settings

⚠ **Please Remove The Batteries Before Upgrading**

Function Interface

USB Cable

USB Connector

PC

Upgrade.......

Attention: Be sure to connect the computer with the *USB connector*

Firmware Upgrade Instruction
Please visit the official website of Feiyu Tech: www.feiyu-tech.com to download the USB driver, firmware upgrade software and the latest firmware then unzip the RAR file.Remove the batteries and refer to the connection diagram to connect the gimbal with the computer. Please refer to the manual of update operation to upgrading,otherwise the Gimbal will be abnormal.
Attention : Please be sure to connect the computer with the USB connector.

Gimbal Calibration
The Gimbal attitude can be calibrate through parameter setting software. User can adjust the pitch and roll in a small angle to achieve more accuracy filming scene. Please insert the batteries then refer to the connection diagram to connect the gimbal with the computer for caliration.
Attention : Please be sure to connect the computer with the USB connector.
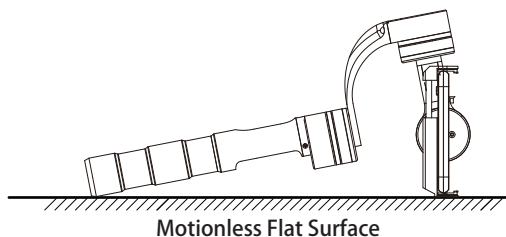
6 Initialize The Gimbal

Initialization Instructions

1. Install the smartphone properly.
2. Gimbal placed on stationary flat and keep motionless.
3. Power on the Gimbal.
4. The Gimbal is activate and it will initialize automatically. Pick up the Gimbal to work normally.
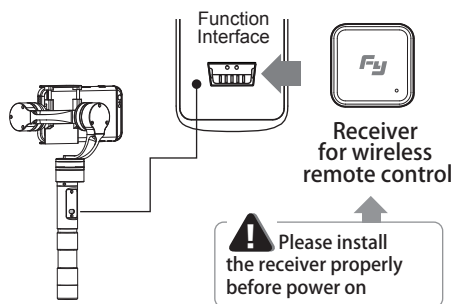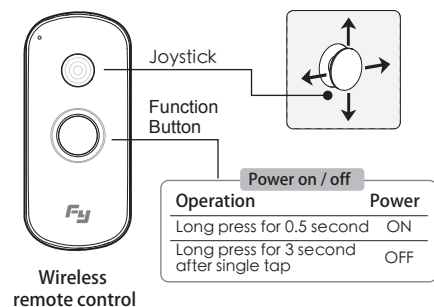(Please pick up the gimbal quickly once it is activated.)

Gimbal needs to be initialized whenever the following situations appear after power on

1. After power on, the angle of pitch is not level with the horizon line.
2. After power on, the angle of roll is not parallel with the horizon line.
3. When the gimbal is in heading static, the angle of heading moves frequently.
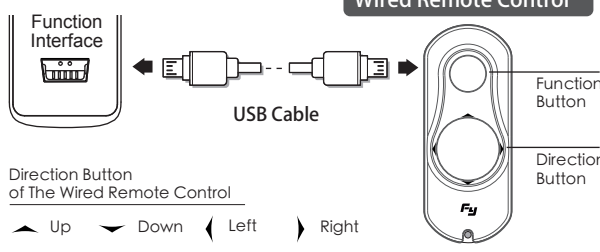
Motionless Flat Surface

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7 Remote Control (Optional)

Long-distance mode switch of gimbal and manual control of angle can be realized by remote control

Wireless Remote Control

Joystick

Function Button

Power on / off	
Operation	Power
Long press for 0.5 second	ON
Long press for 3 second after single tap	OFF

Wireless remote control

Function Interface

Receiver for wireless remote control

⚠ Please install the receiver properly before power on

Wired Remote Control

Function Interface

USB Cable

Direction Button of The Wired Remote Control

▲ Up ▼ Down ◀ Left ▶ Right

Function Button

Direction Button

Steps to connect wireless remote control:

1. Open the wireless remote control.
2. Install the receiver for wireless remote control: Insert the receiver for wireless remote control into the function port of gimbal .
3. Open the gimbal.
4. Use the wireless remote control to control the gimbal.

Charging Connect the Micro interface of wireless remote control with 5V charger by USB cable.

Remote Control Distance 15 meters in an open environment.

Match Code Keep the gimbal powered on, restart the remote control and connect the receiver of RC to the gimbal, press the remote control function button for 7 times in 5 seconds, if the indicator on the RC flashes 5 times it means the receiver and the transmitter of RC match successfully, then customer can control the gimbal by the RC.

▲ RC needs to be match code whenever the following situations：
(1) Connecting properly but still control in fail.
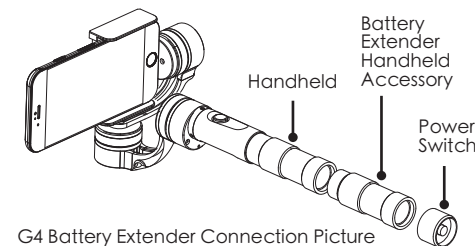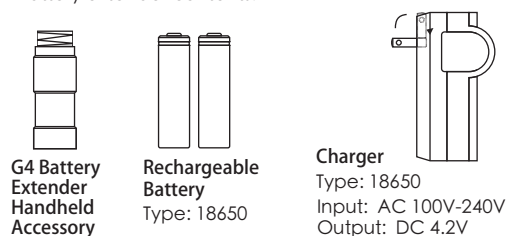(2) Change the receiver or wireless remote control.

Remote Control Operation Instructions

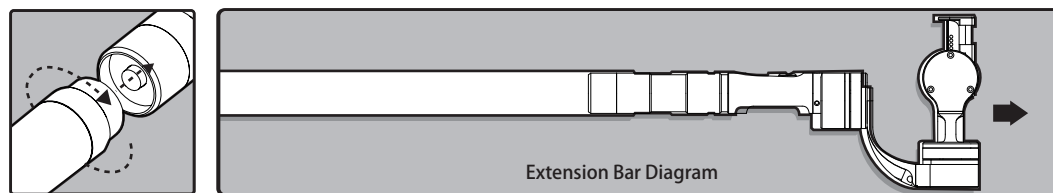| Operation	Explanation	Remark
Single Tap	Panning Mode / Lock Mode	Single tap to switch between panning mode and lock mode
Double Tap	Panning and Tilting Mode	Under panning and tilting mode, single tap to switch to lock mode
Triple Tap	Special Working Condition (Inversion Mode)	Can switch in other mode, or trip again to exit and reset
Quadruple Tap	Reset (Restore to the boot-up state)	Reset the tilting axis of the gimbal to initial orientation and initial mode
Tap Button Six Times	Calibration Using Remote Control	Exit calibration and enter standby. Wake the gimbal by pressing the function button once again
Tap Button Seven Times	Match Code Mode Wireless RC	Match code when connecting properly but still control in fail or change the receiver/wireless remote control
Long Press For 3 Second	Power off Wireless RC	

Note: The function button will be disabled after connecting with the remote control.

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8 Battery Extender Accessory (Optional)

Battery extender contents:

G4 Battery Extender Handheld Accessory

Rechargeable Battery Type: 18650

Charger
Type: 18650
Input: AC 100V-240V
Output: DC 4.2V

Handheld

Battery Extender Handheld Accessory

Power Switch

G4 Battery Extender Connection Picture

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9 Extension Bar Instructions (Optional)

Extension Bar Diagram

With the special designed switch, the extension bar can be added directly. Allows to shoot the distance images more easily. Special design allows for flexible extension.

Another way for extension is adjustable extension bar.

Adjustable Extension bar

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10 Specification

Vertical Tilting Angle	320° (Maybe have some difference in different smartphone)	Motion Attitude Tracking Accuracy	0.1 ~ 0.5 (Motor Overload<2G)
Rolls Angle	100°	Working Voltage	6.0 V ~ 9 V
Horizontal Panning Angle	320°	Overload Current Protection	800 mA
Tilting Increments	2° /S ~ 75° /S	Usage Time	2 ~ 3 Hours
Panning Increments	3° /S ~150° /S	Adaptation	iPhone 6 Plus/6/5s/5c/5/4s/4 and other smartphones with similar dimensions
Motion Attitude Tracking Accuracy	0.1 ~ 0.5 (Motor Overload<2G)	Weight	365g (Without batteries & smartphone) Counter weight 52g

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DISCLAIMER

FY-G4 Plus 3-axis handheld gimbal for smartphone is an excellent camera stabilizer, lightweight and portable. Prohibit any user for any illegal purpose. Users will be responsible for all behavior of purchase and use products.

The Guilin Feiyu Electronic Technology Co. and our associates are not responsible for any damages or liabilities caused by the use of this duct.

For any unknown sources or using, we will not be any service.

Feiyu Tech reserves the right to amend this manual and the terms and conditions of use the gimbal at any time.

ATTENTION

- Please correct assemble the gimbal according to the diagram .
- Please upgrading firmware and configurate parameters with the standard configuration USB date cable.
- Please battery charging with the standard configuration charger.
- Please install the camera well before power on the Gimbal.

Scan and keep an eye on FY

FEIYUTECH

Please visit the official website of Feiyu Tech to get related information: *www.feiyu-tech.com*